GILSON ROAD SUPERFUND SITE
Nashua, New Hampshire

Figure 1: Site Plan Showing Monitoring Wells, Surface Water Sampling Locations, and Proposed Sediment Sampling Locations

LEGEND

Surface Water Sampling Locations
- Existing
- Existing, proposed for elimination from monitoring program

Sediment Sampling Locations
- Proposed additional

Well cluster with overburden wells only
- Existing
- Existing, proposed for elimination from monitoring program
- Proposed additional

Well cluster with bedrock wells only
- Existing
- Existing, proposed for elimination from monitoring program
- Proposed additional

Well cluster with overburden wells and bedrock wells
- Existing
- Existing, proposed for elimination from monitoring program
- Proposed additional

- Extraction well
- Groundwater Management Zone (GMZ) boundary
- Approximate site property boundary
- Approximate location of slurry wall
- River or brook

NOTES

1. Monitoring wells are annotated with their well designation numbers. T-48-2/3/4, for example, indicates a well-cluster with primary designation T-48, consisting of individual wells 2, 3, and 4.

   Well-numbers for bedrock wells appear in bold text; numbers for overburden wells appear in normal-weight text. For example, the annotation for cluster T-49-1/2 indicates that well #1 is an overburden well and well #2 is a bedrock well.

   Well-numbers for wells that are proposed for *elimination* from the monitoring program are shown in black (e.g., T-50-1/2). Well-numbers for wells that are proposed for *addition* to the monitoring program are shown in green (e.g., T-51-1/2).

2. Surface Water Sampling Locations and Sediment Sampling Locations are also annotated with their respective ID numbers. Locations that are proposed for *elimination* or *addition* to the monitoring program are annotated in black and green, respectively.

3. Base map data provided by Haley & Aldrich Inc. and is based on the map titled "U.S. Environmental Protection Agency, Gilson Road, Nashua, New Hampshire" U.S. Army Corps of Engineers, Dated September 1993 (scale: 1" = 200').

3. Additional site data provided by the New Hampshire Department of Environmental Services (NHDES) Waste Management Division.

4. Map prepared by the NHDES GIS Program, November 2002.

SCALE: 1" = 200'

400 200 0 400 800 FEET

N

NASHUA RIVER
T-98/99
SED-7
SED-5
SW-202
SED-6
SW-3
T-97
WEST HOLLIS STREET
N.H. ROUTE 11
TROUT BROOK
SED-4
SW-206
T-61-2
T-60-1/3
SW-207
T-100-1/2
T-62-1/2/3
SED-3
HA-11-A/B/C
TROUTBROOK DRIVE
HA-10-A/B/C
HA-5-A/B/C
SW-203
SW-205
WINDING LANE
CLOVERCREST DR
TROUTBROOK DRIVE
COUNTRYSIDE DR
FARMWOOD DRIVE
SKYVIEW DRIVE
RIDGEFIELD DRIVE
MAPLESHADE DRIVE
SHADYCREST DRIVE
VALLEYCREST TRAIL
HA-9-A
HA-13-B
NASHUA FOUR HILLS LANDFILL
SW-204
SED-2
TUMBLEBROOK DRIVE
HA-7-A/B
T-63-1
T-64-2/3/4
T-48-2/3/4/5
T-47-1
T-19-1/3/4
T-18-1/2/3
T-44-1/2
T-12-1/3/4
T-23-1/2
T-13-1/2/3/4
T-24-1/2/3
T-10-1/2/3/4
WELL A
T-25-1/2/3
T-7-1/2/3
T-29-1/3
T-8-1/2/3
T-6-1/2
T-54-2/3
HA-4-A/B
T-58
HA-14
NEPTUNE LN
VENUS LN
T-42-1/2
T-27-1/2
T-38-1/2
T-36-2/3
T-34-1/2
T-33-1/2/4
T-32-1/2/3/4
SATURN LN
MERCURY LANE
GILSON ROAD
TREATMENT PLANT
SW-201
SED-1
SW-209
LYLE REED BROOK
LYLE REED BROOK
GILSON ROAD

GILSON ROAD SUPERFUND SITE
Nashua, New Hampshire

Figure 2: Analytical Data Trends of Interior Overburden Wells (East Half of Site)

LEGEND

- Interior overburden well with associated data. (additional data shown on west-half sheet, Figure 3; see Note #2 below).
- Groundwater Management Zone (GMZ) boundary
- Approximate site property boundary
- Approximate location of slurry wall
- River or brook
- Data plot identifying constituent concentrations exceeding ACL criteria
- Data plot identifying constituent concentrations NOT exceeding ACL criteria

NOTES

1. Monitoring wells are annotated with their well designation numbers. T-48-2/3/4, for example, indicates a well-cluster with primary designation T-48, consisting of individual wells 2, 3, and 4.
2. Some well points may be shown without data plots due to the lack of sufficient analytical data.
3. Base map data provided by Haley & Aldrich Inc. and is based on the map titled "U.S. Environmental Protection Agency, Gilson Road, Nashua, New Hampshire" U.S. Army Corps of Engineers, Dated September 1993 (scale: 1" = 200').
4. Additional site data provided by the New Hampshire Department of Environmental Services (NHDES) Waste Management Division.
5. Map prepared by the NHDES GIS Program, November 2002.

SCALE: 1" = 200'

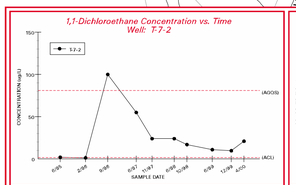
400 200 0 400 800 FEET

N

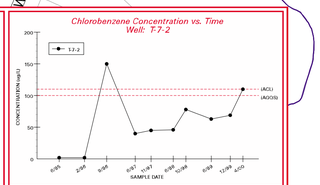
NASHUA RIVER
WEST HOLLIS STREET
FARMWOOD DRIVE
SKYVIEW DRIVE
RIDGEFIELD DRIVE
MAPLESHADE DRIVE
TROUTBROOK DRIVE
TUMBLEBROOK DRIVE
RIDGEFIELD
LANE
COUNTRYSIDE DR
CLOVER
RIVE
LYLE REED BK
LYLE REED BROOK
NEPTUNE LN
VENUS LN
SATURN LN
MERCU
GILSON ROAD
TREATMENT PLANT
RESTRAINT BOUNDARY

T-18-1/2/3
T-19-1/3
T-12-1/3
T-13-1/2/3
T-10-1/2/3
T-23-1
T-24-1
T-25-1/2
T-7-1/2
T-8-1/2
T-6-1/2
T-27-1
T-29-1
T-36-2
T-34-1
T-33-1/2

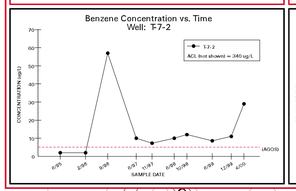
1,1-Dichloroethane Concentration vs. Time Well: T-7-2



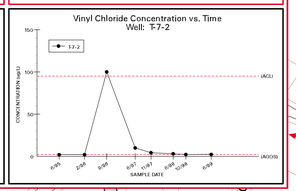
Chlorobenzene Concentration vs. Time Well: T-7-2



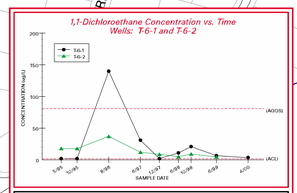
Benzene Concentration vs. Time Well: T-7-2



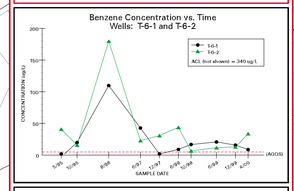
Vinyl Chloride Concentration vs. Time Well: T-7-2



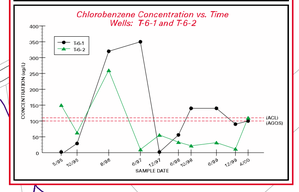
1,1-Dichloroethane Concentration vs. Time Wells: T-6-1 and T-6-2



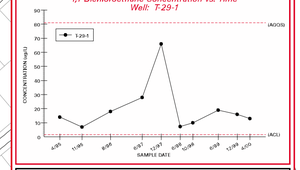
Benzene Concentration vs. Time Wells: T-6-1 and T-6-2



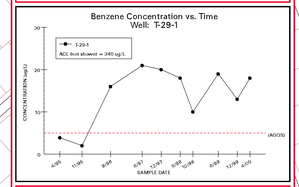
Chlorobenzene Concentration vs. Time Wells: T-6-1 and T-6-2



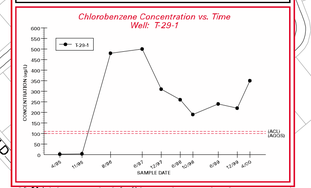
1,1-Dichloroethane Concentration vs. Time Well: T-29-1



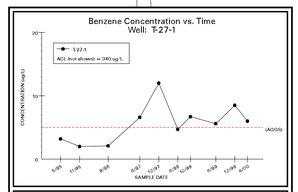
Benzene Concentration vs. Time Well: T-29-1



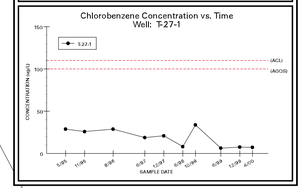
Chlorobenzene Concentration vs. Time Well: T-29-1



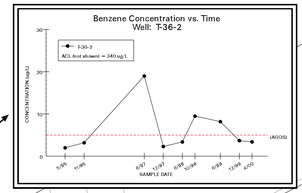
Benzene Concentration vs. Time Well: T-27-1



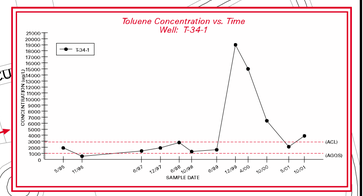
Chlorobenzene Concentration vs. Time Well: T-27-1



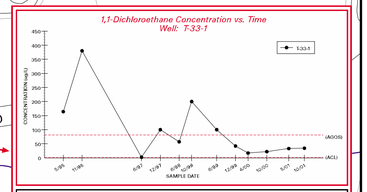
Benzene Concentration vs. Time Well: T-36-2



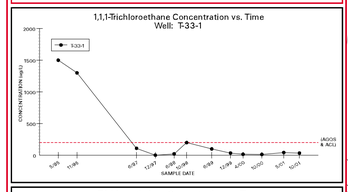
Toluene Concentration vs. Time Well: T-34-1



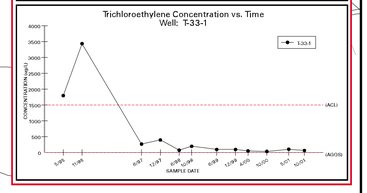
1,1-Dichloroethane Concentration vs. Time Well: T-33-1



1,1,1-Trichloroethane Concentration vs. Time Well: T-33-1



Trichloroethylene Concentration vs. Time Well: T-33-1



GILSON ROAD SUPERFUND SITE
Nashua, New Hampshire

Figure 3: Analytical Data Trends of Interior Overburden Wells (West Half of Site)

LEGEND

- Interior overburden well with associated data. (additional data shown on east-half sheet, Figure 2; see Note #2 below).
- Groundwater Management Zone (GMZ) boundary
- Approximate site property boundary
- Approximate location of slurry wall
- River or brook
- Data plot identifying constituent concentrations exceeding ACL criteria
- Data plot identifying constituent concentrations NOT exceeding ACL criteria

NOTES

1. Monitoring wells are annotated with their well designation numbers. T-48-2/3/4, for example, indicates a well-cluster with primary designation T-48, consisting of individual wells 2, 3, and 4.
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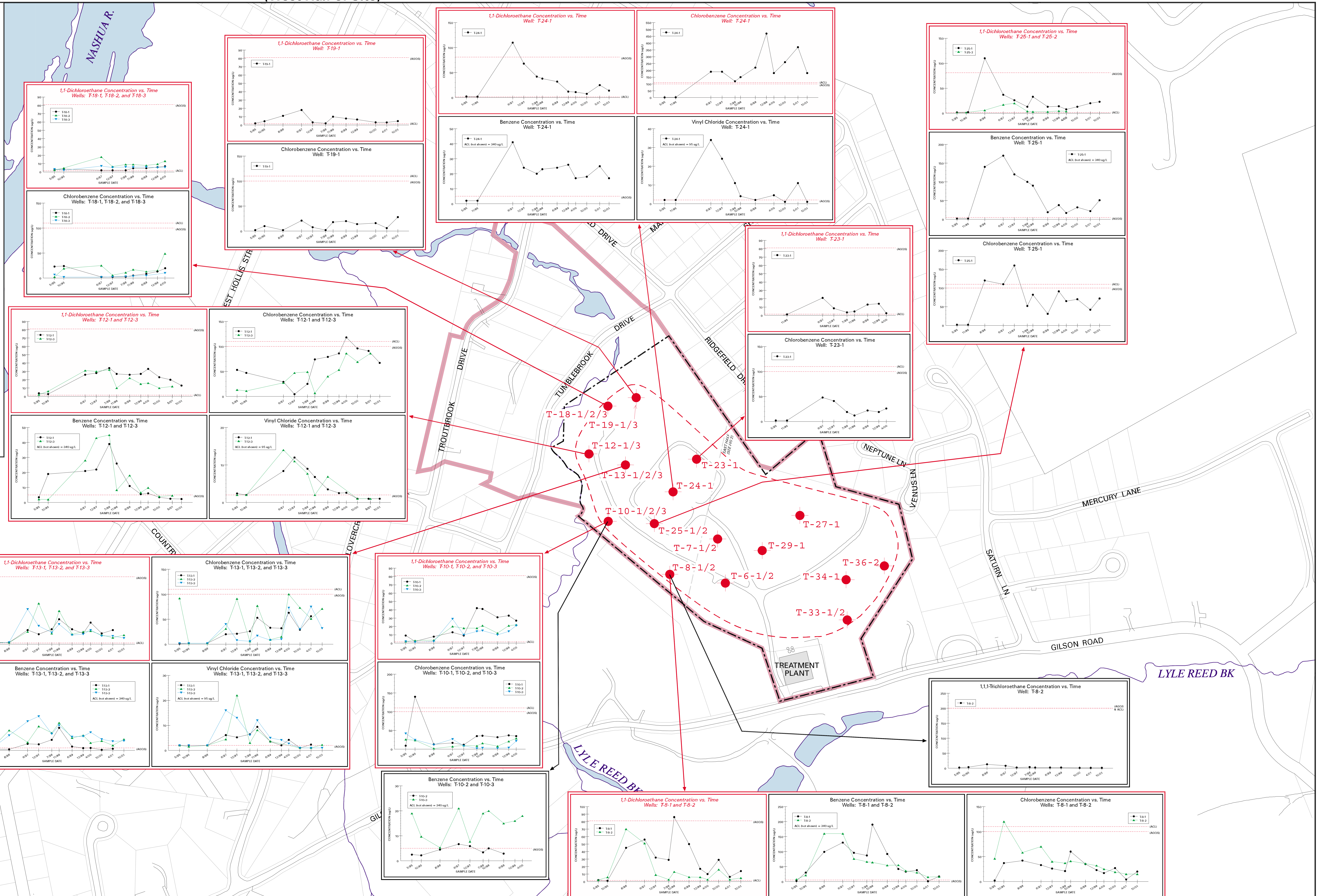
4. Additional site data provided by the New Hampshire Department of Environmental Services (NHDES) Waste Management Division.
5. Map prepared by the NHDES GIS Program, November 2002.

SCALE: 1" = 200'

400 200 0 400 800 FEET

N



GILSON ROAD SUPERFUND SITE
Nashua, New Hampshire

Figure 4: Analytical Data Trends of Interior Bedrock Wells

LEGEND

- Interior bedrock well with associated data
- Groundwater Management Zone (GMZ) boundary
- Approximate site property boundary
- Approximate location of slurry wall
- River or brook
- Data plot identifying constituent concentrations exceeding ACL criteria
- Data plot identifying constituent concentrations NOT exceeding ACL criteria

NOTES

1. Monitoring wells are annotated with their well designation numbers. T-48-2/3/4, for example, indicates a well-cluster with primary designation T-48, consisting of individual wells 2, 3, and 4.
2. Some well points may be shown without data plots due to the lack of sufficient analytical data.
3. Base map data provided by Haley & Aldrich Inc. and is based on the map titled "U.S. Environmental Protection Agency, Gilson Road, Nashua, New Hampshire" U.S. Army Corps of Engineers, Dated September 1993 (scale: 1" = 200').
4. Additional site data provided by the New Hampshire Department of Environmental Services (NHDES) Waste Management Division.
5. Map prepared by the NHDES GIS Program, November 2002.

SCALE: 1" = 200'

400 200 0 400 800 FEET

N

NASHUA RIVER

TROUT BROOK

LYLE REED BROOK

TUMBLEBROOK DRIVE

FARMWOOD DRIVE

SKYVIEW DRIVE

RIDGEFIELD DRIVE

NASHUA FOUR HILLS LANDFILL

T-19-4

T-12-4

T-13-4

T-23-2

T-24-2/3

T-10-4

T-25-3

T-7-3

T-27-2

T-29-3

T-8-3

T-36-3

T-33-4

NEPTUNE LN

VENUS LN

SATURN LN

TREATMENT PLANT

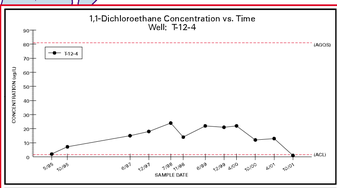
N.H. ROUTE 11

WINDING LANE

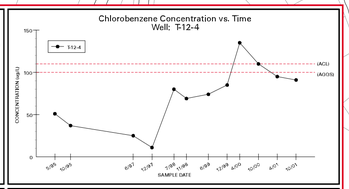
COUNTRYSIDE DR

GILSON ROAD

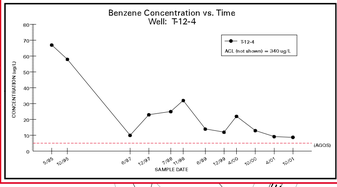
1,1-Dichloroethane Concentration vs. Time
Well: T-12-4



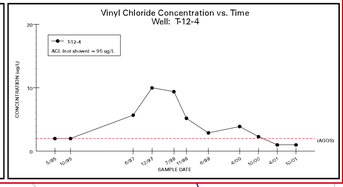
Chlorobenzene Concentration vs. Time
Well: T-12-4



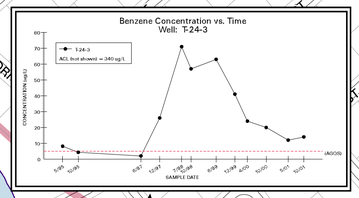
Benzene Concentration vs. Time
Well: T-12-4



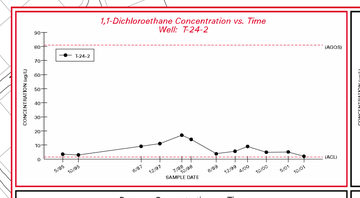
Vinyl Chloride Concentration vs. Time
Well: T-12-4



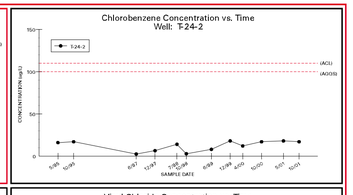
Benzene Concentration vs. Time
Well: T-24-3



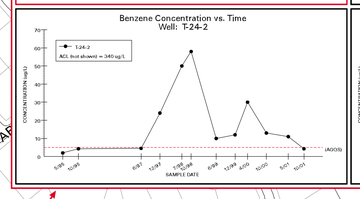
1,1-Dichloroethane Concentration vs. Time
Well: T-24-2



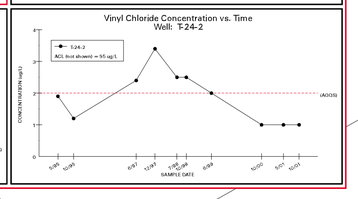
Chlorobenzene Concentration vs. Time
Well: T-24-2



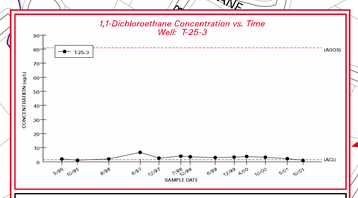
Benzene Concentration vs. Time
Well: T-24-2



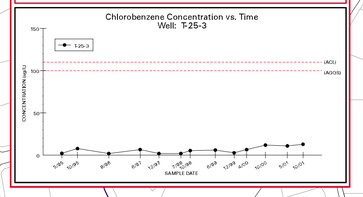
Vinyl Chloride Concentration vs. Time
Well: T-24-2



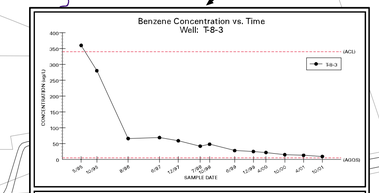
1,1-Dichloroethane Concentration vs. Time
Well: T-25-3



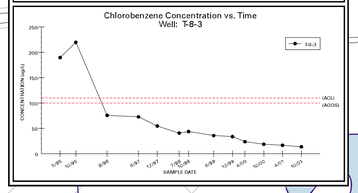
Chlorobenzene Concentration vs. Time
Well: T-25-3



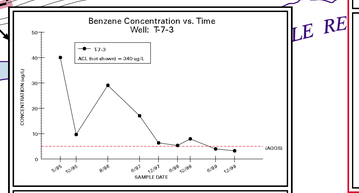
Benzene Concentration vs. Time
Well: T-8-3



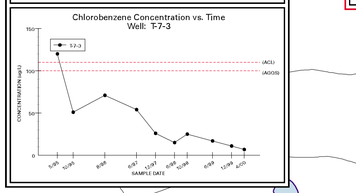
Chlorobenzene Concentration vs. Time
Well: T-8-3



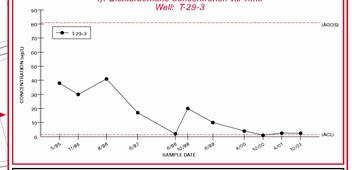
Benzene Concentration vs. Time
Well: T-7-3



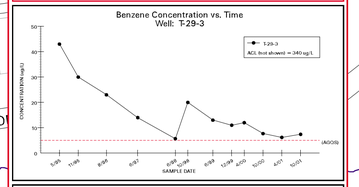
Chlorobenzene Concentration vs. Time
Well: T-7-3



1,1-Dichloroethane Concentration vs. Time
Well: T-29-3



Benzene Concentration vs. Time
Well: T-29-3



Chlorobenzene Concentration vs. Time
Well: T-29-3